

Title (en)
Method and apparatus for coating fibers

Title (de)
Verfahren und Vorrichtung zur Beschichtung von Fasern

Title (fr)
Méthode et dispositif de revêtement de fibres

Publication
EP 0913368 A3 19990602 (EN)

Application
EP 98121946 A 19960311

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Abstract (en)
[origin: EP0913368A2] In the process of drawing optical fibers, a protective plastic coating is applied to the fiber by applying a curable liquid coating material thereto and the subsequently curing the liquid coating to a protective plastic layer. At high fiber draw speeds, air entrained with the fiber enters the liquid coating material and causes bubbles in the cured coating. The incidence of bubbles in the coating is reduced by replacing air adjacent the fiber surface with helium. <IMAGE>

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IPC 8 full level
G02B 6/44 (2006.01); **B05C 3/12** (2006.01); **C03B 37/027** (2006.01); **C03C 25/10** (2006.01); **C03C 25/12** (2006.01); **C03C 25/18** (2006.01)

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Citation (search report)
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• [A] EP 0579388 A1 19940119 - FURUKAWA ELECTRIC CO LTD [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 063 (C - 0685) 6 February 1990 (1990-02-06)
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